

COUNTY BOROUGH OF WARRINGTON.

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# ANNUAL REPORT

OF THE

## MEDICAL OFFICER OF HEALTH

ON THE

SANITARY CONDITION OF WARRINGTON  
DURING THE YEAR 1943.

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STUART F. ALLISON,  
M.B., Ch.B., D.P.H.

Medical Officer of Health, School Medical Officer, Tuberculosis Officer,  
and Medical Superintendent of Corporation Hospitals,  
Sanatorium and Maternity Home.



WARRINGTON:  
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# County Borough of Warrington

## HEALTH COMMITTEE.

### Mayor:

COUNCILLOR SIDNEY BOLTON

### Chairman:

ALDERMAN DAVID PLINSTON, J.P.

### Deputy-Chairman:

COUNCILLOR FRANK LONGSHAW

ALDERMAN BROADHURST, J.P.	COUNCILLOR MORRIS
„ STARKEY, J.P.	„ SMITH
COUNCILLOR CHALLINOR	„ TAYLOR
„ GRAY	„ TILLING
„ HARDMAN	„ WARD
„ JONES	„ WIGGINTON

### Maternity and Child Welfare Committee.

All the members of the Health Committee, together with the following Co-opted Members:—

MISS CLARKE  
MRS. UNSWORTH  
MRS. GIBBINS

### Blind Persons Act Sub-Committee.

All the members of the Health Committee, together with the following Co-opted Members:—

MR. REX FURNESS  
„ A. E. LEDGER  
„ J. McARTHUR  
ALDERMAN MARSHALL  
MR. WARBURTON  
„ J. MYTTON

### Boarding Out Committee:

(Sect. 98 Public Assistance Order, 1930).

All the Members of the Maternity and Child Welfare Committee, together with Mrs. Starkey and Mrs. Williams.

### Town Clerk:

W. E. E. LOCKLEY, Esq.

## PUBLIC HEALTH STAFF.

Office Held	Name	Qualifications	Other Offices Held
(a) Medical Medical Officer of Health	Stuart F. Allison	M.B., Ch.B., D.P.H.	School Medical Officer, Tuberculosis Officer, Maternity and Child Welfare Officer, Medical Superintendent of Cor- poration Hospitals.
Asst. Medical Officer of Health	C. A. Paulusz	L.R.C.P., L.R.C.S. (Edin.), L.R.F.P.&S. (Glas.), L.M.R.C.P.I., D.P.H.	Assistant School Medical Officer
" " "	Miss M. I. Porteous	M.B., Ch.B., D.P.H.	Assistant Maternity and Child Welfare Officer.
" " "	J. A. Delmege, O.B.E.	M.R.C.S., L.R.C.P., D.P.H.	Assistant Tuberculosis Officer
Male Resident Medical Officer (Borough Gen- eral Hospital)	P. Brown	M.R.C.S., L.R.C.P. (Eng.)	
Resident Medical Officer	T. N. Pilsworth	L.R.C.P.I. & L.M., L.R.C.S.I. & L.M.	
Resident Medical Officer	Miss M. Eccles	M.B., B.Ch.	
Venereal Diseases Officer	Ellis Pigott	M.B., Ch.B.	Part-time
School Dental Officer	Wm. C. Parr	L.D.S.	
" "	Miss Phyllis Pendlebury	L.D.S.	
Dental Officer (Borough General Hospital)	J. Ellis	L.D.S.	Part-time
Throat and Nose Surgeon	George E. Archer	M.B., Ch.B., F.R.C.S.	Part-time
Radiologist	John A. Ross	M.R.C.S. (Eng.)	Part-time
Ophthalmic Surgeon	O. M. Duthie	M.D., Ch.B.	Part-time
Orthopædic Surgeon	Harman Taylor	M.B., Ch.B.	Part-time
Public Vaccinator (1)	Dr. Sinclair	M.B., Ch.B.	Part-time
Public Vaccinator (2)	Dr. W. E. Bowden	M.B., Ch.B.	Part-time
Pathologist	Dr. Cary Lynch	M.D.	Part-time
Veterinary Surgeon (1)	H. H. Ferguson	M.R.C.V.S.	Part-time
Veterinary Surgeon (2)	C. T. Trevers	M.R.C.V.S.	Part-time
Public Analyst	J. D. Sherratt	B.Sc., F.I.C.	Analyst under the Fer- tilizer and Feeding Stuffs Act.
Sanitary Inspector	W. T. Flood (Chief)	Cert. of R. San. Inst.	Inspector of Food and Drugs, Inspector of Contagious Diseases of Animals, Inspector of Canal Boats, Inspector of Shops Acts, Inspector of Poisons and Pharmacy Acts.
" "	John Stevens	R.S.I. Certificate, Meat Inspector's Cert.	Inspector under Shops Acts, Housing Inspector.
" "	James Snailham	R.S.I. Certificate, Meat Inspector's Cert.	Special Tuberculosis Work
" "	Ernest Barton	R.S.I. Certificate, Meat Inspector's Cert.	General District Work
" "	Wm. H. Molyneaux	R.S.I. Certificate and Meat Certificate	General District Work



## PUBLIC HEALTH STAFF—continued.

Office Held	Name	Qualifications	Other Offices Held
(b) Others (continued)			
Sanitary Inspector .....	Robert L. Winstanley	R.S.I. Certificate and R.S.I. Meat Cert	General District Work— Forces
" " .....	Bezley Trepess .....	R.S.I. Certificate .....	General District Work— Forces
" " .....	William Hunt .....	R.S.I. Certificate, R.S.I. Meat Cert.	General District Work
Vaccination Officer .....	A. E. Price .....		Part-time
Matron of Borough General Hospital	Miss C. M. Hannen .....	General Trained, C.M.B. Certificate, State Registered Nurse, F.B.C.N. ....	
Matron of Isolation Hospital	Miss N. Roberts .....	General Trained, Fever Trained, State Regis- tered T.B. Cert. ....	
Matron of Heffreston Grange Sanatorium, Weaverham	Miss E. F. Yaxley .....	Tuberculosis and Fever Trained	
Maternity Home .....	Miss M. Morris .....	General Trained C.M.B. Certificate	
Steward, Borough Gen- eral Hospital	A. F. Pidgeon	A.C.C.S. ....	
Inspector of Midwives .....	Miss Knott .....	C.M.B. Cert., R.S.I. Certificate	Also Health Visitor
Health Visitor .....	Miss Barlow .....	C.M.B. Cert., R.S.I. Certificate	—
" .....	Miss Sampson .....	General Training, C.M.B. Certificate ....	—
" .....	Mrs. Moran .....	General Training, C.M.B. Certificate ....	—
	Miss Beaton .....		—
Health Visitor and School Nurse	Miss Evans .....	General Training, S.R.N. Certificate, C.M.B. Certificate, Health Visitors' Cert.	—
	Miss Newbold .....		—
	Miss Twist .....		—
Tuberculosis Nurse .....	Miss Pettie .....	Health Visitors' Cert., R.S.I. Cert.	
School Nurse .....	Miss Griffith .....	General Certificate, Hygiene Certificate. (Queen's)	
" " .....	Miss Wright .....	General Certificate Fever Trained	
" " .....	Miss Fletcher .....	General Certificate, S.R.N., Fever Nurse, S.R., C.M.B., Cert. R.M.P.A. ....	
Dental Attendant .....	Miss Devenny .....		
Clerk .....	Wm. Lawless .....		Chief Clerk
" .....	Wm. Knowles .....		Wages and Accounts Clerk
" .....	Miss V. Dwerryhouse		Typist
" .....	Miss M. Dwerryhouse		Clerk (M. & C.W.)
" .....	Ernest Tarbuck .....		Clerk—Forces
" .....	Harold Plinston .....		" "
" .....	David Rustage .....		Clerk, T.B. Dispensary— Forces

*To the Chairman and Members of the Health Committee.*

Gentlemen,

I have the honour to submit the Annual Report on the Health Services and sanitary circumstances of the Borough for the year 1943, once again in an abbreviated form as directed by the Ministry of Health.

In the initial section of the report, it is revealed that the vital statistics of the town compare, in general terms, very favourably with those of other industrial towns. Once again the Registrar General's figures disclose a reduction in the estimated civilian population from 75,550 in 1942 to 74,110 in 1943. The birth-rate for 1943 was 19.8 per thousand of the population, thus showing a slight increase on the rate (18.4) for the preceding year. The death-rate remained substantially the same—12.3 per thousand as opposed to 11.9 for 1942, and it approximated to the general death-rate (12.14) throughout England and Wales for the year 1943. The marriage-rate fell from 10.6 in 1942 to 8.6 in 1943. The infant mortality rate, 76, was higher than in the previous year, 70—though it still showed a decrease from 1941, when the figure was 86. The maternal mortality rate (i.e., maternal deaths per thousand live and still births) was 2.6 for 1943 as against 2.05 for 1940, a very slight increase, amounting, in fact, to one more maternal death.

With regard to the sanitary circumstances of the town, the housing difficulties, of which you are fully aware, continued unremedied, and did, indeed, become accentuated; and it must unfortunately be stated that there was no immediate prospect of relief.

In spite of war-time conditions, the work of the Maternity and Child Welfare Centres proceeded apace. The attendances—39,447, exceeded those of any previous war year. On this account I wish again gratefully to offer my thanks to Mrs. Langdale (Hon. Secretary) and Miss Clarke (Hon. Treasurer) and the members of the Mothers and Babies Welcome Committee.

The four War-time Nurseries continued to perform their functions with unabated success, and the supplementary scheme of Registered Daily Guardians, introduced before the establishment of the Nurseries, continued to take its part in the release of a considerable number of mothers for work of national importance. At the end of the year there were 225 such registered daily guardians undertaking the care of 248 children.

The special centres for the treatment of Scabies, staffed by Civil Defence Personnel, continued throughout the year amply to justify their establishment. No fewer than 2,508 adults and children attended and were given the benefit of this expeditious and effective method of treatment.

Adverting to infectious diseases, I am pleased to be able to state that no serious epidemic was encountered during the year. On the other hand, every endeavour was expended to secure the wider acceptance of immunisation against diphtheria, the result being that a further 2,437 children received this form of protection.

From the beginning of July, 1943, the scheme permitting the payment of standard maintenance and other allowances to certain subjects of pulmonary tuberculosis was applied. In all, 71 applications for grants were received, and of these 29 were found to be eligible within the conditions imposed by the Ministry of Health Memorandum. Your opinion was furthermore conveyed to the Ministry that these conditions of qualification for the allowances might well be varied or extended so as to enable this financial assistance to be applied to a greater number of tuberculous cases.

The Rushcliffe Committee issued three comprehensive reports during the year making recommendations relative to salaries, allowances and conditions of service of nurses engaged in hospitals, Municipal Maternity Homes, Health Visitors and School Nurses. The recommendations in these reports were, I am pleased to say, unanimously adopted, with the result that nurses, particularly those holding senior posts, are now paid salaries commensurate with the responsible and skilful work which they are required to perform.

It is, then, gratifying to be able to record that the health services have not only been fully maintained during the year, but have been, though sometimes under considerable strain, developed and expanded.

I wish now to mention the retirement of Mr. Flood from the position of Chief Sanitary Inspector, an office which he had held for forty-three years ; and to express my sincere appreciation of the loyal, devoted and diligent service which he has given to the town throughout that long and arduous period.

Finally, I have to thank my staff at the Health Department and in the various Corporation Hospitals for their loyal support, and to offer my sincere thanks to the Chairman (Mr. Alderman David Plinston, J.P.) and members of the Health Committee for their generous support and guidance. To all other Corporation officials I wish to express my appreciation for their constant courtesy and consideration.

I have the honour to be,

Your obedient Servant,

STUART F. ALLISON.

Health Department,

*Medical Officer of Health.*

Sankey Street, Warrington.

## SECTION A.

## STATISTICS AND SOCIAL CONDITIONS OF THE AREA

**SOCIAL CONDITIONS.**—Warrington is mainly an industrial town in which a variety of manufactures is carried on, *e.g.*, wire, iron and steel, chemicals, soap, cotton, brewing, tanning, paper making, box making, etc.

INSURED PERSONS.

The number of insured persons in the Borough entitled to Medical Benefit on the 1st January, 1944, was 39,681, for which information I am indebted to Mr. Alfred Tilling (Clerk to the Warrington Insurance Committee).

TOTAL UNEMPLOYED.

[illegible]



## VITAL STATISTICS.

Area .....	4532	acres
Population (Census 1931) .....	79322	
„ (R.G. 1943, (Civilian)) .....	74110	
Number of separate dwellings occupied (1931) .....	17341	
Number of families or separate occupiers (1931) .....	18474	
Rateable value (1st April, 1943) .....	£421770	

Rateable value (1st April, 1915)				£ 121,775	
		Total	M.	F.	
Live Births	Legitimate ....	1387	702	685	} Birth Rate 19.8
	Illegitimate....	87	43	44	
Still Births.....	55	Rate per 1000 population .....			0.74
Deaths.....	912	Death Rate per 1000 population .....			12.3
Percentage of total deaths occurring in Public Institutions .....					50.4
Number of women dying in, or in consequence of, childbirth .....					1

POPULATION.—The Registrar-General's estimate for the mid-year 1943, was \*74,110 (compared with the 1931 Census figures of 79,322), and last year's estimate of 75,550.

*\*(Estimated Civilian Population)*

BIRTHS.—1,829 births were notified to the Medical Officer of Health in compliance with the provisions of Section 203 of the Public Health Act, 1936.

355 of these births were to parents resident outside the Borough who had taken advantage of the facilities provided at one or other of the Warrington Maternity Homes.

The number of live births to be accredited to Warrington for the year 1943 was 1,474 (745 males, 729 females), compared with 1,397 live births in 1942 (701 males, 696 females).

The birth-rate for Warrington per 1,000 population was 19.8 in 1943, compared with 18.4 in 1942, and 16.5 for England and Wales as a whole.

The total number of illegitimate births was 87 (43 males, 44 females), compared with 84 births in 1942.

There were 55 still-births notified in 1943, 62 still-births in 1942.

MARRIAGES.—There were 640 marriages during the year, the rate per 1,000 of population being 8.6. In 1942 there were 803 marriages, giving a rate of 10.6.

DEATHS.—1,118 deaths were registered as occurring in the Borough during 1943. Of these, however, 251 were non-residents. During the same period, 45 deaths have been reported as having occurred outside the district of persons usually resident in Warrington. Adding these (45) and deducting the non-residents, we have a total of 912 deaths accredited to Warrington for 1943, compared with 902 in 1942.

This gives a death-rate of 12.3 per 1,000 civilian population during 1943, compared with 11.9 in 1942 and 12.6 in 1941.

The death-rate for England and Wales was 12.1; for the 126 County Boroughs and Great Towns, 14.2; and for London 15.0.

Table comparing the Vital Statistics of Warrington with the average for the County Boroughs and for England and Wales as a whole.  
(The Mortality rates for England and Wales refer to the whole population but for London and the towns to civilians only.)

	Rate per 1,000 Total Population		Annual Death-rate per 1,000 Population.								Rate per 1,000 Live Births.	
	Live Births.	Still-births.	All Causes.	Typhoid and Paratyphoid Fevers.	Small-pox.	Measles.	Scarlet Fever.	Whooping Cough.	Diphtheria.	Influenza.	Diarrhoea and Enteritis (under two years).	Total Deaths under one year.
England and Wales .....	16.5	0.54	12.1	0.00	—	0.02	0.00	0.03	0.03	0.37	5.3	49
126 County Boroughs and Great Towns, including London .....	18.6	0.63	14.2	0.00	—	0.02	0.00	0.03	0.04	0.36	7.9	58
148 Smaller Towns (Estimated Populations, 25,000—50,000 at census 1931 .....	19.4	0.61	12.7	0.00	—	0.02	0.00	0.03	0.04	0.37	4.4	46
London .....	15.8	0.44	15.0	0.00	—	—	0.02	0.03	0.02	0.27	10.4	58
Warrington .....	19.8	0.74	12.3	0.00	—	0.02	0.00	0.02	0.01	0.22	19.0	76

The maternal mortality rates for England and Wales are as follows :	per 1,000 Total Births ....	Puerperal Sepis. ....	Others. ....	Total. ....
		0.73	1.56	2.29
"	County Borough of Warrington :			
"	per 1,000 Total Births ....	0.65	1.9	2.61

# CAUSES OF DEATH AT DIFFERENT PERIODS OF LIFE IN THE COUNTY BOROUGH OF WARRINGTON.

CAUSES OF DEATH	Sex	All Ages	0-	1-5	5-15	15-45	45-65	65-
ALL CAUSES	M	491	62	13	12	52	150	202
	F	421	51	7	15	58	94	196
1 Typhoid and para-typhoid fevers	M							
	F							
2 Measles	M	2		2				
	F							
3 Scarlet Fever	M							
	F							
4 Whooping Cough	M	1	1					
	F	1		1				
5 Diphtheria	M							
	F	1			1			
6 Influenza	M	10				4	5	1
	F	7	1		1		2	3
7 Encephalitis lethargica	M	1		1				
	F							
8 Cerebro-spinal fever	M	2		1		1		
	F	2			2			
9 Tuberculosis of respiratory system	M	34			1	13	17	3
	F	22			2	17	3	
10 Other tuberculous diseases	M	6	1	1	2	2		
	F	5		1	1	2	1	
11 Syphilis	M	2				1	1	
	F	2	1				1	
12 General paralysis of the insane, tabes dorsalis	M	29					7	22
	F	31					8	23
13 Cancer, malignant disease	M	63		1		3	29	30
	F	40				7	15	18
14 Diabetes	M	1						1
	F	2						2
15 Cerebral hæmorrhage, etc.	M							
	F							
16 Heart disease	M	103				3	36	64
	F	110				13	19	78
17 Other circulatory diseases	M	7					1	6
	F	6						6
18 Bronchitis	M	46	2	1		1	21	21
	F	38	2				17	19
19 Pneumonia (all forms)	M	24	11	1		2	3	7
	F	17	7	1		2	4	3
20 Other respiratory diseases	M	5				1	2	2
	F	12				1	6	5
21 Peptic ulcer	M	9				2	5	2
	F	3						3
22 Diarrhoea, under 2 years.	M	16	14	2				
	F	12	12					
23 Appendicitis	M	2				1	1	
	F	1					1	
24 Other digestive diseases	M	11	3		1	1	4	2
	F	6	2		1			3
25 Acute and chronic nephritis	M	13				3	6	4
	F	15				2	9	4
26 Puerperal sepsis	F	1				1		
27 Other maternal causes	F	3				3		
28 Road traffic accidents	M	7		1	2	2		2
	F	6		1	2	1	1	1
29 Suicide	M	10				3	6	1
	F	2					1	1
30 Other violence	M	22		1	4	4	5	8
	F	13	2	2	2	1	1	5
31 Premature birth	M	14	14					
	F	6	6					
32 Congenital malformations, birth injuries and infant diseases	M	15	15					
	F	18	17		1			
33 All other causes	M	36	1	1	2	5	1	26
	F	39	1	1	2	8	5	22



# INFANT DEATHS DURING THE YEAR 1943 (under 1 year)

	Under 1 week	1—2 weeks	2—3 weeks	3—4 weeks	Total under 1 month	1—3 months	3—6 months	6—9 months	9—12 months	Total deaths under 1 year
Small Pox .....	..	..	..	..	..	..	..	..	..	..
Chicken Pox .....	..	..	..	..	..	..	..	..	..	..
Measles .....	..	..	..	..	..	..	..	..	..	..
Scarlet Fever .....	..	..	..	..	..	..	..	..	1	1
Whooping Cough .....	..	..	..	..	..	..	..	..	..	..
Diphtheria and Croup .....	..	..	..	..	..	..	..	..	..	..
Erysipelas .....	..	..	..	..	..	..	..	..	..	..
Tubercular Meningitis .....	..	..	..	..	..	..	..	..	..	..
Other T.B. Diseases .....	..	..	..	..	..	..	..	1	..	1
Convulsions .....	1	1	..	..	2	1	1	1	..	5
Laryngitis .....	..	1	..	..	1	..	1	2	..	4
Bronchitis .....	..	1	..	..	1	8	7	2	..	18
Pneumonia (all forms) .....	..	1	..	..	5	13	3	2	3	26
Diarrhoea .....	1	1	..	3	..	..	..	1	..	1
Syphilis .....	..	..	..	..	..	..	..	..	..	..
Rickets .....	..	..	..	..	..	..	..	..	..	..
Suffocation .....	..	..	..	..	..	..	..	..	..	..
Injury at birth (overlying) .....	..	..	..	..	..	..	..	..	..	..
Violence .....	..	..	..	..	..	..	..	..	..	..
Congenital Malformations .....	1	..	..	..	1	1	..	..	..	2
Premature Birth .....	12	3	2	1	18	2	..	..	..	20
Atrophy, Debility and Marasmus .....	8	4	2	2	16	1+	2	1	..	33
Other causes .....	1	..	..	..	1	..	..	1	..	2
	24	11	4	6	45	39	14	11	4	113



## MATERNITY AND CHILD WELFARE.

### SUMMARY OF WORK CARRIED OUT DURING THE YEAR, 1943.

1829 births were notified to the Medical Officer of Health of children born in Warrington, to comply with the provisions of the Public Health Act, 1936, against 1697 in 1942 and 1685 in 1941.

1474 of the notified births were of living children born to persons resident in Warrington.

12726 visits were paid by the Health Visitors to the homes of children under 5 years of age, and nursing and expectant mothers.

107 Visits were made to the homes of Boarded-Out Children.

38 Visits were made to the homes of children Out to Nurse.

197 Visits were made to the homes of Illegitimate Children.

2223 mothers attended at the Ante-Natal Clinics and 583 at the Post-Natal Clinic, at the Health Department.

5788 attendances were also paid at the Borough General Hospital Ante-Natal Clinic and Post-Natal Clinics.

\*1132 maternity cases were admitted during the year :—

Borough General Hospital	....	....	736
Maternity Home	....	....	396

699 maternity cases were attended in their own homes.

19166 attendances by mothers were paid to the five Consultation Centres.

12372 attendances of Infants and 7909 attendances of children 1—5 years were made at the Consultation Centres.

4 Maternal deaths in 1943 (Puerperal Sepsis—1 ; Other causes—3) —in the year 1942—3 deaths, and in 1941—5 deaths.

113 deaths of infants (under 1 year) in 1943 (99 infant deaths in 1942, and 122 infant deaths in 1941).

Infantile mortality rate per 1,000 births, 76 in 1943 (70 in 1942, and 86 in 1941).

20 deaths of children between ages 1 to 5 in 1943 (15 deaths in 1942 and 29 deaths in 1941).

195 children examined at the Consultation Centre by the Medical Officer were found to have defects requiring attention.

206 children under 5 years of age were treated at the Orthopaedic Clinic: 166 in 1942, 131 in 1941.

12 Ailing Babies were treated at Aikin Street Hospital during 1943. 745 children were successfully vaccinated during the year.

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\*This figure includes cases from other areas which were treated in our Hospitals.

## ROAD DEATHS, 1943.

Fatalities on the highways of this country reach such a large total every year that the problem of prevention has necessarily become very prominent. The following are the figures relative to Warrington:—

	Warrington residents killed in Borough.	Warrington residents killed outside Borough.
Under 1 year .....	—	—
1 to 2 years .....	—	—
2 to 5 years .....	2	—
5 to 15 years .....	4	—
15 to 25 years .....	1	—
25 to 35 years .....	—	—
35 to 45 years .....	2	—
45 to 55 years .....	—	—
55 to 65 years .....	1	—
65 to 75 years .....	3	—
	<hr/> 13 <hr/>	<hr/> — <hr/>

## SUMMARY OF BACTERIOLOGICAL WORK FOR THE YEAR, 1943.

1375 specimens were examined at the Health Department, Laboratory, Sankey Street (for various infectious diseases).

43 Pathological specimens were examined at the following laboratories (Warrington Infirmary, Public Health Laboratory Liverpool, Liverpool University Laboratory, and the Public Health Laboratory, Manchester).

2973 Specimens were examined at the Pathological Laboratory, Borough General Hospital.

57 Bacteriological examinations of samples of Water, Milk and Foodstuffs at the Public Health Laboratory, Manchester.

## DISTRICT MEDICAL SERVICES.

No. of patients attended :—

Period ending 31st March, 1943	....	....	505
30th June	....	....	431
30th September	....	....	458
31st December	....	....	457
Payment to doctors for service	....	....	£156 9s. 6d.
Payment to Chemists for dispensing	....	....	£364 13s. 9d.
Surgical Appliances	....	....	£22 16s. 0d.
Administrative Expenses—			
(a) Printing and Stationery	....	....	£2 0s. 0d.
(b) Payment to Pricing Bureau for pricing prescriptions	....	....	£7 19s. 0d.
Number of Doctors on Panel, 31st December, 1943			17

## 6.—HOSPITALS.

List of the Hospitals and number of beds provided and cases admitted during 1943 :—

	<i>Cases Admitted.</i>
(i) Warrington Infirmary (205 beds) ....	3109
(ii) Borough General Hospital (285 beds) ....	4208
(iii) Isolation Hospital (131 beds) ....	255
(iv) Hefferston Grange Sanatorium (80 beds) ....	182
(v) Maternity Home (20 beds) ....	396
(vi) Smallpox Hospital (22 beds) ....	Nil
(vii) Specialist Services (Described in 1932 Report).	
(viii) Whitecross Institution (Mental Cases) ....	130

## OUT-PATIENT CLINICS. CASES TREATED DURING 1943.

	<i>Cases attended.</i>
Warrington Infirmary ....	18114
(Includes Orthopædic cases and Accident and Emergency Cases).	
Brorough General Hospital ....	15320
(Includes Orthopædic Cases, Ante-Natal and Post- Natal cases, Dental cases, Eye cases and persons attending at daily session for X-ray.)	
Ante-Natal Clinics :	
Number of attendances at the Health Office Clinic	} 2223
„ „ „ Maternity Home „	
„ „ „ Post Natal „	
Tuberculosis Dispensary (attendances for examination, etc.) ....	1014
Venereal Disease Clinics ....	
Number of attendances for attention of the Medical Officer ....	4351
Number of attendances for intermediate treatment ...	6442

## INFECTIOUS DISEASES.

The number of cases of notifiable infectious diseases and the deaths therefrom, together with the numbers treated at Aikin Street Hospital are given in the Appendix (page 18).

## IMMUNISATION AGAINST DIPHTHERIA

2437 children were immunised against Diphtheria during the year 1943.

Ages at which children were immunised :—

Years	No.	Years	No.
0 ....	112	9 ....	114
1 ....	434	10 ....	127
2 ....	154	11 ....	134
3 ....	111	12 ....	92
4 ....	83	13 ....	91
5 ....	469	14 ....	22
6 ....	224	15 ....	15
7 ....	106		
8 ....	149		
		TOTAL	2437



I am very grateful to the Head Teachers for their assistance in getting the written consent of the parents. The Health Visitors and School Nurses greatly assist by persuading the parents to have their children immunised.

There were 117 deaths from notifiable diseases in 1943, compared with 110 in 1942.

Causes :	Measles	.... 2	Cerebro-Spinal Fever	.... 4
	Whooping Cough	2	Pneumonia	.... 41
	Diphtheria	.... 1	Pulmonary Tuberculosis	.... 56
			Other forms of Tuberculosis	.... 11
				<hr/>
Total				.... 117
				<hr/>

### TUBERCULOSIS

93 new cases of tuberculosis were notified during 1943 as against 92 in 1942, and 85 in 1941.

Of the 93 new cases, 68 were pulmonary tuberculosis and 25 non-pulmonary tuberculosis.

105 cases of tuberculosis resident in Warrington were treated in Hefferston Grange Sanatorium, and 41 cases in the Borough General Hospital during the year.

In accordance with the Ministry of Health Memorandum 266 T, the maintenance allowance scheme for Pulmonary Tuberculosis was introduced on the 1st July, 1943. 71 applications (39 from males and 32 females) were received. 29 of them (18 males and 11 females) were granted the allowances. A number of the applicants may become eligible when they have completed the period of institutional treatment.

32 cases of Non-Pulmonary Tuberculosis received hospital treatment.

### VACCINATION.

745 children were successfully vaccinated during the year 1943, compared with 553 in 1942 and 641 in 1941.

### CANCER.

85 cases were admitted to the Council's Hospitals during the year. None of these cases had received previous advice or treatment. The Medical Officer of Health made arrangements for the treatment of 19 cases at the Radium Institute, Liverpool.

### VENEREAL DISEASES:

The Clinical Officer of the Treatment Centres, Dr. Ellis Pigott, reports that the cases dealt with in 1943 were as follows:—

The total persons attending Clinic:—

	1943	1942	1941	1940
Syphilis . ....	137	192	193	186
Soft Chancre	—	—	—	—
Gonorrhœa	308	366	353	413
Conditions other than Venereal	79	34	36	52
	<hr/>	<hr/>	<hr/>	<hr/>
	524	592	582	651
	<hr/>	<hr/>	<hr/>	<hr/>



The number of attendances for individual attention of the Medical Officer	4351
The number of attendances for intermediate treatment	6442

### GENERAL SANITARY WORK.

The visits paid by the Sanitary Inspectors during the year were as follows :—

To deal with property, nuisances, etc.	5886
To deal with cases of infectious disease	1944
To deal with cases of tuberculosis	1036

Out of a total number of nuisances found 1939 or 88.4% were abated.

The work under the Shops Act has been very varied, due to war conditions.

The shopkeepers for safety have closed their shops much earlier than the fixed closing hours.

### FACTORIES.

136 visits were paid by the Sanitary Inspector to premises to ascertain that the provisions of the Factory Act, 1938, were being carried out from a health standpoint.

More female labour is being employed and consequently alteration in the factories have been taken in hand to comply with the Welfare Regulations of the Act.

### HOUSING.

No houses have been built in this town since shortly after the commencement of the war, with the exception of 286 houses built and tenanted by the Ministry of Supply.

The slum clearance programme was completed in 1939, 1,074 houses had been demolished and 4,498 displaced persons rehoused, mainly in houses erected by the local authority. We are in urgent need of a large number of houses to replace insanitary dwellings, and to enable us to abate overcrowding.

15 new cases of overcrowding were reported during the year, and in 12 instances arrangements were made to relieve overcrowding.

### INSPECTION AND SUPERVISION OF FOOD.

#### SUMMARY FOR YEAR 1942.

#### Milk Supply :—

197 Inspections were made of milkshops and shops where bottled milk is sold, and 46 visits paid to the one pasteurising plant within the town.

59 Inspections were made of 7 cowsheds within the town.

45 Samples of milk were submitted for Bacteriological Examination.

4 Samples of milk were found to contain Tubercule Bacilli, of these 3 samples were from cows kept on premises outside the borough and one from premises within this borough. In 3 instances cows were found and slaughtered.

#### Meat Supply :—

543 visits were paid by the Sanitary Inspectors to the 1 slaughter-house in Warrington. (Ministry of Food Controlled from January 15th, 1940.) From the 1st November, 1942, only Orford Green slaughter-house has been in use.

94 visits were paid to Butchers' shops.

81 visits were paid to premises where Potted Meat, Sausages, &c., are prepared.

68 visits were paid to the three Tripe Boiler premises.

Condemned Food.—The following is a list of the food condemned at slaughter-house, markets, wholesale and retailers premises, and in transit on the railways during the year 1943 :—Home-killed and Imported Meat, 46 tons 16 cwts. Tinned Goods—Meat, 306 tins; Fish, 126 tins; Milk, 742 tins; Fruit, 269 tins; Vegetables, 514 tins. Bacon, 1 cwt.; Fish, 21 cwts.; Fish cakes, 94; Sausages and Sausage Meat, 50 lbs.; Vegetables, 1 cwt.

Food and Drugs Acts, 1938.

54 samples were submitted to the Public Analyst during the year 1943. Samples found adulterated or below the recognised standard are enquired into, and proceedings instituted where offences are considered to have been committed. The magistrates inflicted fines totalling £17 and £4 5s. 6d. costs in 3 cases dealt with for adulterated milk.

### WELFARE OF THE DEAF AND DUMB.

There are 48 cases on the register of the Warrington and District Deaf and Dumb Society. The Institute for the Deaf is at 13, Wilson Patten Street.

There are 26 males and 22 females. 3 of the males are not employed, due to old age or defective sight. 12 of the females are employed at work outside their homes, and the remainder are carrying out home duties.

### WELFARE OF THE BLIND.

Prevention of Blindness.

15 children attended the partially-sighted class at Evelyn Street School. The children are examined at least once each quarter by Dr. O. N. Duthie, eye specialist. The Warrington and District Society for the Blind co-operate with the Health Department in assisting persons with defective vision with a view to preventing total blindness.

Certification of Blindness.

Number of persons on the register December 31st, 1943 .....	177
"    "    "    admitted to the register during year .....	9
"    "    removals into the area during the year .....	2
"    "    "    out of the area during the year .....	—
"    "    deaths during the year .....	14
"    "    de-certified cases during the year.....	1
"    "    trainees .....	3
"    "    persons trainable but not in training .....	Nil
"    "    "    employed in local workshop .....	27
"    "    "    "    as home workers .....	4
"    "    "    "    elsewhere .....	14
"    "    "    unemployable .....	126
"    "    "    at school .....	3

## NOTIFICATION OF INFECTIOUS DISEASES, 1943.

Disease.	Under 1 year	1-2 years	2-3 years	3-4 years	4-5 years	5-10 years	10-15 years	15-20 years	20-35 years	35-45 years	45-65 years	65 & over	Total	No. of Cases Re- moved by allo-
Scarlet Fever .....	..	1	9	13	29	110	37	14	5	1	1	..	20	133
Diphtheria .....	..	1	3	6	4	12	16	5	8	1	..	..	56	54
Measles .....	25	41	74	21	90	143	6	2	1	2	..	..	455	7
Whooping Cough .....	12	16	26	21	20	67	3	1	4	..	..	..	166	4
Erysipelas .....	..	..	..	..	..	1	1	1	25	5	6	2	15	4
Puerperal Pyrexia .....	..	..	..	..	..	..	..	3	..	..	..	..	38	31
Polionmyelitis .....	..	..	..	..	..	1	2	..	1	..	..	..	1	1
Cerebro-Spinal Fever .....	..	..	..	2	1	1	..	..	1	..	..	..	7	7
Encephalitis Lethargica .....	3	..	..	..	..	..	..	..	1	..	..	..	1	1
Ophthalmia .....	..	..	..	..	..	..	..	..	..	..	..	..	3	1
Paratyphoid .....	..	..	..	3	6	13	3	3	15	20	28	16	150	3
Pneumonia .....	20	11	12	..	..	..	..	..	..	..	..	..	..	..
Pyelitis .....	..	..	..	..	..	..	..	..	1	..	..	..	7	7
Dysentery .....	2	1	..	2	..	1	..	..	..	..	..	..	..	..
Enteric Fever .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Under 1 year	1-5 years	5-10 years	10-15 years	15-20 years	20-25 years	25-35 years	35-45 years	45-55 years	55-65 years	65 & over		1114 Total	253
Tuberculosis Pulmonary .....	—	1	—	1	10	13	17	11	7	7	1	..	68	..
Tuberculosis Non-Pulmonary .....	1	7	3	6	1	3	2	1	1	..	—	..	25	..

